## **REMARKS**

The amendments to the claims are to address the multiple dependent claims. Applicant amended the claims to omit the multiple dependencies and asserts that no

new matter has been added.

SEYFARTH SHAW LLP 55 East Monroe Street **Suite 4200** 

Chicago, Illinois 60603-5803 Telephone: (312) 346-8000

Facsimile: (312) 269-8869

Respectfully Submitted,

Timothy J. Keefer, Reg. No. 35,567

## The claims defining the invention are as follows:

- 1. (Original)A method of removing a residual gas from inside a conventional shipping container after a period of time in which goods were located in the container, the method comprising the steps of:
  - accessing the container via an end door opening of the container;
- extracting at least some of the residual gas present in the container via the end door opening;
   and
  - providing a flow of a flushing gas into the container via the end door opening to flush residual gas from the container.

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2. <u>(Original)</u> A method as claimed in claim 1 wherein the step of extracting the residual gas reduces gas pressure in the container below ambient atmospheric pressure outside the container.

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3. (Original) A method as claimed in claim 2 wherein when the pressure of gas in the container reaches a predetermined value, the flow of flushing gas is initiated and the gas pressure in the container increases.

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- 4. <u>(Original)</u> A method of removing a residual gas from inside a conventional shipping container after a period of time in which goods were located in the container, the method comprising the steps of:
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- accessing the container via an end door opening of the container; and
- delivering a flow of a flushing gas into the container via the end door opening to flush the residual gas from the container, with a flow of the flushing gas and the residual gas being removed from the container via the end door opening.

- 5. <u>(Currently Amended)</u> A method as claimed in <u>any one of</u> the preceding claims claim 1 wherein the flow and/or total pressure of gases within the container is monitored and controlled.
- 6. <u>(Currently Amended)</u> A method as claimed in <u>any one of</u> the <u>preceeding claims</u> claim 1 wherein a majority of the residual gas present in the container is extracted.

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- 7. (Currently Amended) A method as claimed in any one of the preceding claims claim 1 further comprising the step of absorbing/adsorbing at least part of the residual gas extracted from the container into/onto an absorption/adsorption means.
- 8. (ORIGINAL) A method as claimed in claim 7 wherein substantially all of the extracted residual gas is absorbed/adsorbed into/onto the absorption/adsorption means.
- 9. (CURRENTLY AMENDED) A method as claimed in claim 7 or elaim 8 further comprising the step of one of washing the absorption/adsorption means, decomposing the residual gas on the absorption/adsorption means and discarding the absorption/adsorption means.
- 10. (CURRENTLY AMENDED) A method as claimed in <u>any one of</u>
  the preceding claims claim 1 wherein the step of accessing the container involves:
  - opening an end door of the container; and
  - operatively coupling a panel to the container at the end door opening, and operatively coupling a gas inlet means and a gas extraction means to the panel so that the container is sealed during the removal of the flushing gas and the residual gas

from the container.

- 11. (ORIGINAL) A method as claimed in claim 10 wherein the flushing gas is introduced via the gas inlet means.
- 12. (CURRENTLY AMENDEDD) A method as claimed in claim 10  $\underline{\text{or}}$   $\underline{\text{elaim 11}}$  wherein gas is extracted via the gas extraction means.
- 13. (CURRENTLY AMENDED) A method as claimed in any one of claim[[s]] 10 to 12 wherein the gas extraction means is operatively coupled at a lower region of the panel relative to the location of the gas inlet means.
- 14. (CURRENTLY AMENDED) A method as claimed in any one of claim[[s]] 10 to 13 wherein the panel itself comprises a plurality of panels.
- 15. (CURRENTLY AMENDED) A method as claimed in any one of the proceeding claims claim 1 wherein the flushing gas is atmospheric air.
- 16. (CURRENTLY AMENDED) A method as claimed in any one of the proceeding claims claim 1 wherein the container is provided with means for monitoring and controlling the pressure of gas in the container.
  - 17. (CURRENTLY AMENDED) A method as claimed in any claim one of the proceeding claims further comprising the step of monitoring the concentration of residual gas in the container.
- 18. (ORIGINAL) A method of removing a residual gas that is present in an enclosure after a period of time in which goods were located in the enclosure, the method comprising the steps of:

- accessing the enclosure via an opening to the enclosure;
- operatively coupling a panel, a gas inlet means and a gas extraction means to the opening, whereby the panel sealingly attaches at the opening and the gas inlet means and the gas extraction means are operatively coupled to the panel;
- extracting a flow of the residual gas via the gas extraction means until at least some of the residual gas present is removed; and
- providing a flow of a flushing gas into the enclosure via the gas inlet means to flush the residual gas from the enclosure.
- 15 19. (ORIGINAL) A method as claimed in claim 18 wherein the step of extracting the residual gas reduces gas pressure in the enclosure below ambient atmospheric pressure outside the enclosure.
- 20 20. (ORIGINAL) A method as claimed in claim 19 wherein when the pressure of residual gas in the enclosure reaches a pre-determined value, the flow of flushing gas is initiated and the gas pressure in the enclosure increases.
- 21. (ORIGINAL) A method of removing a residual gas that is present in an enclosure after a period of time in which goods were located in the enclosure, the method comprising the steps of:
  - accessing the enclosure via an opening to the enclosure;
    - operatively coupling a panel having a gas inlet and a gas outlet to the opening, whereby the panel sealingly attaches at the opening;
- delivering a flow of a flushing gas into the
   enclosure via the gas inlet to flush the residual

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gas from the enclosure, with a flow of the flushing gas and residual gas being removed from the enclosure via the gas outlet.

- 5 22. (CURRENTLY AMENDED) A method as claimed in any one of claim[[s]] 18—to—21 wherein the enclosure is defined by a conventional shipping container.
- 23. (Cancelled) A method as claimed in any one of claims 18
  to 22 wherein the method is otherwise as defined in any one
  of claims 5 to 17.
- 24. (ORIGINAL) Residual gas removal apparatus arranged to be operatively coupled to an enclosure for removing residual gas from inside the enclosure, the apparatus comprising:
  - a panel arranged for operative coupling to the enclosure in a sealing manner;
  - gas inlet means for operative coupling to the panel for introducing a flushing gas into the enclosure;
  - gas extraction means for operative coupling to the panel for extracting gas from the enclosure;
  - pressure monitoring means for monitoring the total pressure of gases within the enclosure; and
- controlling means for controlling the flow of gases through at least one of the gas inlet and gas extraction means in response to the monitored pressure within the enclosure.
- 25. (ORIGINAL) Apparatus as claimed in claim 24 further comprising absorption/adsorption means for absorbing/adsorbing residual gas extracted from the container.
- 35 | 26. (ORIGINAL) Apparatus as claimed in claim 25 wherein the

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absorption/adsorption means comprises an absorption/adsorption bed including activated carbon to which at least part of the extracted residual gas attaches at its surface and in its pores.

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- 27. (CURRENTLY AMENDED) Apparatus as claimed in any one of claim 24 to claim 26 wherein the residual gas removal apparatus also comprises a panel arranged in use to be coupled to the enclosure in a sealing manner, the gas inlet means and the gas extraction means operatively coupled or mounted to the panel.
- 28. (ORIGINAL) Apparatus arranged to be operatively coupled to an enclosure for removing residual gas from inside the enclosure, the apparatus comprising:
  - a framework mountable onto a surface and locatable adjacent to the enclosure in use; and
  - a member mounted to the framework and comprising gas inlet means for introducing a flushing gas into the enclosure, gas extraction means for extracting gas from the enclosure and coupling means for coupling the member to the enclosure;

wherein the member is moveable between an in use coupled position in which the coupling means couples the member to the enclosure and a de-coupled position in which the member is spaced from the enclosure.

29. (ORIGINAL) Apparatus as claimed in claim 28 wherein the member is pivotally mounted to the framework.

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30. (CURRENTLY AMENDED) Apparatus as claimed in claim 28 exclaim 29 wherein the member further comprises a panel for coupling to an opening in the enclosure.

- 31. (Cancelled) Apparatus as claimed in any one of claims 28 to 30 which is otherwise as defined in any one of claims 24 to 27.
- 32. <u>(new)</u> A method as claimed in claim 4 wherein the flow and/or total pressure of gases within the container is monitored and controlled.
- 33. (new) A method as claimed in claim 4 wherein a majority of the residual gas present in the container is extracted.
- | 34. <u>(new)</u> A method as claimed in claim 4 further comprising the step of absorbing/adsorbing at least part of the residual gas extracted from the container into/onto an absorption/adsorption means.
  - 35. (new) A method as claimed in claim 34 wherein substantially all of the extracted residual gas is absorbed/adsorbed into/onto the absorption/adsorption means.
    - 36. (new) A method as claimed in claim 34 further comprising the step of one of washing the absorption/adsorption means, decomposing the residual gas on the absorption/adsorption means and discarding the absorption/adsorption means.
      - 37. (new) A method as claimed in claim 4 wherein the step of accessing the container involves:
  - opening an end door of the container; and
    - operatively coupling a panel to the container at the end door opening, and operatively coupling a gas inlet means and a gas extraction means to the panel so that the container is sealed during the removal of the flushing gas and the residual gas from the container.

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- 38. (new) A method as claimed in claim 37 wherein the flushing gas is introduced via the gas inlet means.
- 5 39. (new) A method as claimed in claim 37 wherein gas is extracted via the gas extraction means.
- 40. (new) A method as claimed in claim 37 wherein the gas extraction means is operatively coupled at a lower region of the panel relative to the location of the gas inlet means.
  - 41. (new) A method as claimed in claim 37 wherein the panel itself comprises a plurality of panels.
  - 42. (new) A method as claimed in claim 4 wherein the flushing gas is atmospheric air.
- 43. (new) A method as claimed in claim 4 wherein the container is provided with means for monitoring and controlling the pressure of gas in the container.
- 44. <u>(new)</u> A method as claimed in claim 4 further comprising the step of monitoring the concentration of residual gas in the container.
  - 45. (new) A method as claimed in claim 18 wherein the flow and/or total pressure of gases within the container is monitored and controlled.
  - 46. (new) A method as claimed in claim 18 wherein a majority of the residual gas present in the container is extracted.
- 35 47. (new) A method as claimed in claim 18 further comprising the step of absorbing/adsorbing at least part of

the residual gas extracted from the container into/onto an absorption/adsorption means.

- 48. (new) A method as claimed in claim 47 wherein substantially all of the extracted residual gas is absorbed/adsorbed into/onto the absorption/adsorption means.
- 49. (new) A method as claimed in claim 47 further comprising the step of one of washing the absorption/adsorption means, decomposing the residual gas on the absorption/adsorption means and discarding the absorption/adsorption means.
- 15 | 50. (new) A method as claimed in claim 18 wherein the step of accessing the container involves:
  - opening an end door of the container; and
  - operatively coupling a panel to the container at the end door opening, and operatively coupling a gas inlet means and a gas extraction means to the panel so that the container is sealed during the removal of the flushing gas and the residual gas from the container.
- 25 | 51. <u>(new)</u> A method as claimed in claim 50 wherein the flushing gas is introduced via the gas inlet means.
  - 52. (new) A method as claimed in claim 50 wherein gas is extracted via the gas extraction means.
  - 53. (new) A method as claimed in claim 50 wherein the gas extraction means is operatively coupled at a lower region of the panel relative to the location of the gas inlet means.

54. (new) A method as claimed in claim 50 wherein the

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panel itself comprises a plurality of panels.

- 55. (new) A method as claimed in claim 18 wherein the flushing gas is atmospheric air.
- 56. (new) A method as claimed in claim 18 wherein the container is provided with means for monitoring and controlling the pressure of gas in the container.
- 10 57. (new) A method as claimed in claim 18 further comprising the step of monitoring the concentration of residual gas in the container.
- | 58. <u>(new)</u> A method as claimed in claim 21 wherein the flow and/or total pressure of gases within the container is monitored and controlled.
- 59. (new) A method as claimed in claim 21 wherein a majority of the residual gas present in the container is extracted.
  - 60. (new) A method as claimed in claim 21 further comprising the step of absorbing/adsorbing at least part of the residual gas extracted from the container into/onto an absorption/adsorption means.
  - 61. (new) A method as claimed in claim 60 wherein substantially all of the extracted residual gas is absorbed/adsorbed into/onto the absorption/adsorption means.
- 62. (new) A method as claimed in claim 60 further comprising the step of one of washing the absorption/adsorption means, decomposing the residual gas on the absorption/adsorption means and discarding the absorption/adsorption means.

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- 63. (new) A method as claimed in claim 21 wherein the step of accessing the container involves:
  - opening an end door of the container; and
  - operatively coupling a panel to the container at the end door opening, and operatively coupling a gas inlet means and a gas extraction means to the panel so that the container is sealed during the removal of the flushing gas and the residual gas from the container.
- 64. (new) A method as claimed in claim 63 wherein the flushing gas is introduced via the gas inlet means.
- 15 | 65. (new) A method as claimed in claim 63 wherein gas is extracted via the gas extraction means.
- 66. (new) A method as claimed in claim 63 wherein the gas extraction means is operatively coupled at a lower region of the panel relative to the location of the gas inlet means.
  - 67. (new) A method as claimed in claim 63 wherein the panel itself comprises a plurality of panels.
  - 68. (new) A method as claimed in claim 21 wherein the flushing gas is atmospheric air.
- 69. (new) A method as claimed in claim 21 wherein the container is provided with means for monitoring and controlling the pressure of gas in the container.
  - 70. (new) A method as claimed in claim 21 further comprising the step of monitoring the concentration of residual gas in the container.

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71. <u>(new)</u> Apparatus as claimed in claim 28 further comprising absorption/adsorption means for absorbing/adsorbing residual gas extracted from the container.

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- 72. <u>(new)</u> Apparatus as claimed in claim 71 wherein the absorption/adsorption means comprises an absorption/adsorption bed including activated carbon to which at least part of the extracted residual gas attaches at its surface and in its pores.
- 73. (new) Apparatus as claimed in claim 28 wherein the residual gas removal apparatus also comprises a panel arranged in use to be coupled to the enclosure in a sealing manner, the gas inlet means and the gas extraction means operatively coupled or mounted to the panel.